L Number	Hits	Search Text	DB	Time stamp
-	1285	(257/778).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/15 14:28
-	0	((257/778).CCLS.) and microvia	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/15 14:28
-	131	microvia	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/15 14:42
-	11	("4658332" | "4791248" | "5194326" | "5258330" | "5367764" | "5473119" | "5714252" | "5900674" | "6165892" | "6184577" | "6208525").PN.	USPAT	2002/08/15 14:31
-	25	5367764.URPN.	USPAT	2002/08/15 14:32
-	34	("3316618" | "3509270" | "3541222" | "3616532" | "3663931" | "3739469" | "3795037" | "3862790" | "4249302" | "4548451" | "4655519" | "4707657" | "4716049" | "4729809" | "4788766" | "4793814" | "4902606" | "4924353" | "4954878" | "5129142" | "5167512" | "5224265" | "5228861" | "5229647" | "5232548" | "5282312" | "5354205" | "5367764" | "5442143" | "5613033" | "5758413" | "5879787" | "5936848" | "5951305").PN.	USPAT	2002/08/15 14:34
-	16	("4673773" | "5006182" | "5098771" | "5123849" | "5129142" | "5200112" | "5232548" | "5300402" | "5327013" | "5346558" | "5376403" | "5378402" | "5487218" | "5502893" | "5509203" | "5666722").PN.	USPAT	2002/08/15 14:35
-	10	("3322881" | "3334395" | "4211603" | "4287253" | "4479991" | "4718972" | "4994349" | "5116459" | "5232548" | "5309632").PN.	USPAT	2002/08/15 14:37
-	56	5487218.URPN.	USPAT	2002/08/15 14:37
-	347	(174/266).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/15 15:00
-	186	((174/266).CCLS.) and (via microvia cavity)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/15 14:43
-	10	("4617730" | "5615477" | "5854534" | "5883335" | "5994771" | "6051867" | "6107109" | "6114019" | "6229209" | "6239495").PN.	USPAT	2002/08/15 14:45
-	33	("5046239" | "5063177" | "5172050" | "5229647" | "5236551" | "5249450" | "5420520" | "5426072" | "5483741" | "5487999" | "5528080" | "5541525" | "5578526" | "5592736" | "5607818" | "5633122" | "5634267" | "5674785" | "5686317" | "5716218" | "5781022" | "5783461" | "5801452" | "5815000" | "5834945" | "5869974" | "5878485" | "5896036" | "5915977" | "5929647" | "5931685" | "5962921" | "6013948").PN.	USPAT	2002/08/15 14:49
-	50	4617730.URPN.	USPAT	2002/08/15 14:51
-	50	4617730.URPN.	USPAT	2002/08/15 14:51

–	27	5404044.URPN.	USPAT	2002/08/15 14:55
–	21	circuit with substrate with microvia	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/15 15:02
–	1	insulating with layer with microvia and (257/$).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/15 15:03
–	20	microvia and (257/$).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/15 15:04
–	244	((257/778).CCLS.) and insulating with substrate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/15 15:05
–	1	5442143.URPN.	USPAT	2002/08/15 15:28
–	34	("3316618" | "3509270" | "3541222" | "3616532" | "3663931" | "3739469" | "3795037" | "3862790" | "4249302" | "4548451" | "4655519" | "4707657" | "4716049" | "4729809" | "4788766" | "4793814" | "4902606" | "4924353" | "4954878" | "5129142" | "5167512" | "5224265" | "5228861" | "5229647" | "5232548" | "5282312" | "5354205" | "5367764" | "5442143" | "5613033" | "5758413" | "5879787" | "5936848" | "5951305").PN.	USPAT	2002/08/15 15:33
–	5	("5148265" | "5148266" | "5615824" | "5632631" | "5802699").PN.	USPAT	2002/08/15 15:33
–	14	("4339303" | "4424095" | "4571322" | "4764327" | "5240817" | "5266446" | "5367764" | "5443672" | "5468681" | "5487218" | "5557844" | "5570504" | "5571593" | "5609889").PN.	USPAT	2002/08/15 15:38
–	41	5557844.URPN.	USPAT	2002/08/15 15:41
–	17	(((257/778).CCLS.) and insulating with substrate) and (cavity microvia via) with metal with layer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/15 15:46
–	7	microvia with BGA	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/15 15:47
–	483	via with BGA	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/15 15:47
–	549	(174/256).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/15 15:47
–	219	((174/256).CCLS.) and (via microvia cavity)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/15 15:58

–	771	(257/691).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/15 15:59
–	55	((257/691).CCLS.) and circuit adj substrate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/15 16:26
–	126	("3611317" | "3629787" | "3643135" | "3949274" | "4202007" | "4249302" | "4271588" | "4289922" | "4371744" | "4453176" | "4480288" | "4489363" | "4499607" | "4502098" | "4509099" | "4525921" | "4547834" | "4574331" | "4581679" | "4601526" | "4631636" | "4638348" | "4640010" | "4648179" | "4679118" | "4688151" | "4695872" | "4716259" | "4718163" | "4721831" | "4727410" | "4733461" | "4739444" | "4743568" | "4770640" | "4771366" | "4774630" | "4781969" | "4800461" | "4801992" | "4803595" | "4807021" | "4811082" | "4841355" | "4855809" | "4855871" | "4858073" | "4862249" | "4866508" | "4868712" | "4871317" | "4873764" | "4884167" | "4894706" | "4899439" | "4901136" | "4902637" | "4910643" | "4922059" | "4922378" | "4930002" | "4931134" | "4937659" | "4937707" | "4939568" | "4953005" | "4953060" | "4956695" | "4956746" | "4956749" | "4958258" | "4963697" | "4965702" | "4970577" | "4983533" | "4984132" | "4991000" | "4992908" | "4996587" | "5003376" | "5006920" | "5006925" | "5007841" | "5010448" | "5016138" | "5019945" | "5025306" | "5027253" | "5031072" | "5032896" | "5034569" | "5049982" | "5051865" | "5053856" | "5055907" | "5060116" | "5061990" | "5065277" | "5081563" | "5089880" | "5102828" | "5121297" | "5132613" | "5142448" | "5144532" | "5155661" | "5177594" | "5204806" | "5222014" | "5237204" | "5258330" | "5278724" | "5309324" | "5334804" | "5346861" | "5347159" | "5349501" | "5355282" | "5357400" | "5362656" | "5396034" | "5404273" | "5419038" | "5426565" | "5435733" | "5479110").PN.	USPAT	2002/08/15 16:06

~	126	("3611317" | "3629787" | "3643135" | "3949274" | "4202007" | "4249302" | "4271588" | "4289922" | "4371744" | "4453176" | "4480288" | "4489363" | "4499607" | "4502098" | "4509099" | "4525921" | "4547834" | "4574331" | "4581679" | "4601526" | "4631636" | "4638348" | "4640010" | "4648179" | "4679118" | "4688151" | "4695872" | "4716259" | "4718163" | "4721831" | "4727410" | "4733461" | "4739444" | "4743568" | "4770640" | "4771366" | "4774630" | "4781969" | "4800461" | "4801992" | "4803595" | "4807021" | "4811082" | "4841355" | "4855809" | "4855871" | "4858073" | "4862249" | "4866508" | "4868712" | "4871317" | "4873764" | "4884167" | "4894706" | "4899439" | "4901136" | "4902637" | "4910643" | "4922059" | "4922378" | "4930002" | "4931134" | "4937659" | "4937707" | "4939568" | "4953005" | "4953060" | "4956695" | "4956746" | "4956749" | "4958258" | "4963697" | "4965702" | "4970577" | "4983533" | "4984132" | "4991000" | "4992908" | "4996587" | "5003376" | "5006920" | "5006925" | "5007841" | "5010448" | "5016138" | "5019945" | "5025306" | "5027253" | "5031072" | "5032896" | "5034569" | "5049982" | "5051865" | "5053856" | "5055907" | "5060116" | "5061990" | "5065277" | "5081563" | "5089880" | "5102828" | "5121297" | "5132613" | "5142448" | "5144532" | "5155661" | "5177594" | "5204806" | "5222014" | "5237204" | "5258330" | "5278724" | "5309324" | "5334804" | "5346861" | "5347159" | "5349501" | "5355282" | "5357400" | "5362656" | "5396034" | "5404273" | "5419038" | "5426565" | "5435733" | "5479110").PN.	USPAT	2002/08/15 16:06

–	126	("3611317" | "3629787" | "3643135" | "3949274" | "4202007" | "4249302" | "4271588" | "4289922" | "4371744" | "4453176" | "4480288" | "4489363" | "4499607" | "4502098" | "4509099" | "4525921" | "4547834" | "4574331" | "4581679" | "4601526" | "4631636" | "4638348" | "4640010" | "4648179" | "4679118" | "4688151" | "4695872" | "4716259" | "4718163" | "4721831" | "4727410" | "4733461" | "4739444" | "4743568" | "4770640" | "4771366" | "4774630" | "4781969" | "4800461" | "4801992" | "4803595" | "4807021" | "4811082" | "4841355" | "4855809" | "4855871" | "4858073" | "4862249" | "4866508" | "4868712" | "4871317" | "4873764" | "4884167" | "4894706" | "4899439" | "4901136" | "4902637" | "4910643" | "4922059" | "4922378" | "4930002" | "4931134" | "4937659" | "4937707" | "4939568" | "4953005" | "4953060" | "4956695" | "4956746" | "4956749" | "4958258" | "4963697" | "4965702" | "4970577" | "4983533" | "4984132" | "4991000" | "4992908" | "4996587" | "5003376" | "5006920" | "5006925" | "5007841" | "5010448" | "5016138" | "5019945" | "5025306" | "5027253" | "5031072" | "5032896" | "5034569" | "5049982" | "5051865" | "5053856" | "5055907" | "5060116" | "5061990" | "5065277" | "5081563" | "5089880" | "5102828" | "5121297" | "5132613" | "5142448" | "5144532" | "5155661" | "5177594" | "5204806" | "5222014" | "5237204" | "5258330" | "5278724" | "5309324" | "5334804" | "5346861" | "5347159" | "5349501" | "5355282" | "5357400" | "5362656" | "5396034" | "5404273" | "5419038" | "5426565" | "5435733" | "5479110").PN.	USPAT	2002/08/15 16:06
–	1285	(257/778).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/15 17:20
–	3	5665650.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/16 09:57
–	841	(via hole) with circular with pad	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/16 09:58
–	47	((via hole) with circular with pad) and (257/$).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/16 10:00
–	3	((via hole) with circular with pad) and copper with ring with pad	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/16 10:03

-	0	soler with bump and copper with ring with pad	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/16 10:03
-	11	solder with bump and copper with ring with pad	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/16 10:07
-	271	solder with bump and ring with pad	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/16 10:18
-	0	circuti with pattern with disk and BGA	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/16 10:19
-	0	circutit with pattern with disk and BGA	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/16 10:19